



## Faculty Profile

**Dr. Vijayshree Milind Hemke**

*MSc, BEd, MPhil, PhD, Post-doc (NCCS, Pune)*

Assistant Professor in Zoology

Shri Shivaji Science And Arts College, Chikhli.

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<b>Subject:</b>	<b>Zoology</b>
<b>Area of interest</b>	<b>Biology of Wasps, Pollination Biology, Immunology</b>
<b>Mailing Address</b>	<b>Department of Zoology Shri Shivaji Science And Arts College, Chikhli 443201 Di: Buldana</b>
<b>Email Address</b>	<b><a href="mailto:drvmhemke@gmail.com">drvmhemke@gmail.com</a></b>
<b>Contact No.</b>	<b>9421732680</b>
<b>Research Supervisor in Zoology</b>	<b>SGBAU Part-II- ExtraOrdinaryNotificationNo.33- 2019 Dated 10/04/2019</b>
<b>ORCiD</b>	<b><a href="https://orcid.org/0000-0003-2019-2604">0000-0003-2019-2604</a></b>
<b>ResearchGate</b>	<b><a href="https://www.researchgate.net/profile/Vijayshree-Hemke">https://www.researchgate.net/profile/Vijayshree-Hemke</a></b>
<b>Google Scholar</b>	<b><a href="https://scholar.google.com/citations?user=kzcA08YAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=kzcA08YAAAAJ&amp;hl=en</a></b>
<b>Member</b>	<b>IQAC (Criterion-I)</b>
<b>Coordinator</b>	<b>IIRS/ ISRO Outreach Programs</b>
<b>Coordinator</b>	<b>Alumni Association (Reg No. MH/227/04/Buldana/ Dated 18/06/2004)</b>
<b>Coordinator</b>	<b>NIRF (SSSAC, Chikhli)</b>
<b>Program Coordinator</b>	<b>Star College Proposal to submitted to DBT-2022</b>
<b>Coordinator</b>	<b>Virtual Lab</b>
<b>Coordinator</b>	<b>Add-on course in Sericulture</b>
<b>Program Officer (Girls)</b>	<b>NSS</b>

## Educational Qualification

Sr. No	Degree	University	Year	Subjects	Percentage
1	Post-doc (Research Associate)	National Center for Cell Sciences (NCCS), Pune	2012	Indo-Germen Project “Novel Strategies to Combat Leishmaniasis” funded by ICMR in the lab of Dr. Bhaskar Saha (Scientist-G)	Year 2010-2012
2	PhD	Shri Shivaji College, Akot, Di: Akola (SGBAU, Amravati) Supervisor: Prof. (Dr.) Neha Bhatkar	Registered in year 2005	Topic- Immunological Reactions of Bee Venom and <i>in silico</i> prediction of Antigenic Determinants of Their Proteins	Degree awarded in year 2010
3	MSc	Amravati University, Amravati	2002	Zoology (Spl-Animal Physiology)	69.50%

Ph. D Guidance	02		
Minor Research Project	01-(2015-17 ) UGC-WRO, Pune 4.5 Lakhs- Successfully Completed		
Research Papers Published	International Journals-24 with good impact factor		
Full length paper in conferences	Total-05	National- 03	International -02
Paper Presented in Conferences	Total-21	National-11	International-09
Chapters in book	02		
Workshops National/ State/ University level	12		
Invited Talk & Guest Lectures	17		
Newspaper Articles on Environment Conservation	Many-in reputed newspapers		
e-Content Development	Youtube videos-09		

## RESEARCH PROFILE

### Research Papers published in International journals

Sr. No	Title	Authors	Journal, Vol. No., Page No. Year	Impact Factor if any	ISSN/ISBN No.
1	Polyphasic Approach to Understand Bacterial Community Landscape in Soda Lake Environment	Vishal Dhundale, Vijayshree Hemke, Dhananjay Desai	<i>Applied Ecology and Environmental Sciences</i> , 2021, Vol. 9, No. 8, 724-734	UGC- Care listed Group-I	ISSN 2328-3912 2328-3920(O)
2	Evaluation of bioelectricity productivity using alkaliphilic <i>Bacillus akalogaya</i> BW2 (1) as a possible on exoelectrogens for improvement of microbial fuel cell performance	Vishal Dhundale, Vijayshree Hemke, Dhananjay Desai, P Khemchandani	<i>Journal of Applied Biology &amp; Biotechnology</i> Vol 8 (01)2020, 69-75	Web of Science, Scopus indexing	ISSN 2455 -7005(P) 2347-212X(O)
3	The Consortia of fungi GPPV1 and GPPV2 as a Biocatalyst in Microbial Fuel Cell for the Production of Electric Current.	Vishal Dhundale, Vijayshree Hemke, Dhananjay Desai	<i>Environment and Ecology</i> 2019 Vol.37 No.3A 909-915	UCG Listed -19719 NASS Rating 5.25	ISSN 0970-0420
4	Production and optimization of biosurfactant from <i>Pseudomonas aeruginosa</i> SJS-5 and SJS-6	Vijayshree Hemke & Vishal R Dhudale	<i>Asian Journal of Microbiol. Biotech. Env. Science</i> 20 (1)2018, 310-315	UCG Listed 8789 NASS Rating 5.00	ISSN 0972-3005
5	Characterization and stability of extracellular alkaline proteases from halophilic & alkaliphilic bacteria isolated from saline habitat of Lonar soda lake India	Vijayshree Hemke and Vishal Dhundale	<i>International Journal of Pharmaceutical Sciences and Research</i> 9 (5),2018, 1974-1979	UGC CARE-23330 Impact Factor 1.81 Embase, Pubmed Scopus indexing, Web of Science	ISSN 2322-5148(P) 0975-8232(O)

6	Evaluation and exploration of lactic acid bacteria for preservation and extending the shelf life of fruits	Vishal Dhundale Vijayshree Hemke, D. Desai	<i>International Journal of Fruit Science</i> 2018(18) 01-14	UGC Care-22812 Publisher: Taylor & Francis	ISSN 1553-8362(P) 1553-8621(O)
7	Improvement and Stable High Bioelectricity Generation Using Alkaliphilic <i>Oceanobacillus iheyensis</i> BSI(2) in Microbial Fuel Cells and Effect of Different Anodic Operating Conditions	Vishal Dhundale, Vijayshree Hemke, Dhananjay Desai	<i>Ann Appl Microbiol Biotechnol J.</i> 2018, 2(1): 1010	--	ISSN 2576-5426
8	Production and Stability Studies of the Biosurfactant Isolated from Alkaliphilic Bacterium SJS1	Vishal Dhundale, Vijayshree Hemke, S. Salve, S. Gagre, J Budhwant T. Aglave, D. Desai	<i>Bio Science Research Bulletin</i> 34 (1)2018, 1-7	UGC Listed-5151	ISSN 0970-889(P) 2320-161(O)
9	Improvement and Stable High Bioelectricity Generation Using Alkaliphilic <i>Oceanobacillus iheyensis</i> BSI(2) in Microbial Fuel Cells and Effect of Different Anodic Operating Conditions.	Vishal Dhundale, Vijayshree Hemke, Dhanajay Desai	<i>Annals of Applied Microbiology &amp; Biotechnology Journal</i> Vol-2, Issue-1, 1-6	---	ISSN 2576-5426
10	Evaluation of Electricity generation by Microbial Fuel Cell from hypersaline Indian soda lake	Vishal Dhundale, Vijayshree Hemke & Akash Chaudhari	<i>Int. Journal of Pharma and Bio Sciences</i> 8 ((3): (B)) 2017, 363 – 369	UGC listed-13357 (SJIF): 7.446	ISSN 0975-6299

11	<b>Effect of Organic Solvents on the Activity and Stability of an Extracellular Protease secreted by the haloalkaliphilic <i>Bacillus firmus</i> HS4</b>	<b>Vijayshree Hemke and Vishal Dhundale</b>	<i>Int. Journal of Pure App. Biosci.</i> 5 (4): (2017),1980-1988	NAAS Score:4.74(2020)	ISSN(E) 2582-2845
12	<b>Isolation and characterization lipase producing <i>Bacillus flexus</i> AW3 (2) cultural conditions, nutritional requirements and some properties of crude enzyme</b>	<b>Vijayshree Hemke &amp; Vishal Dhundale</b>	<i>European Journal of Biotechnol.Biosci</i> 5(2)2017, 41-46	(RJIIF): 5.44	ISSN 2321-9122
13	<b>Characterization of Protease From Alkali-tolerant <i>Bacillus</i> sp. DS2 Isolated From Lonar Soda Lake</b>	<b>Vijayshree Hemke &amp; Vishal Dhundale</b>	<i>International J. of Pharma and Bio Sciences</i> 8 (Issue 3(B), 2017, 465 -470	Scientific Journal Impact Factor (SJIF): 7.446 Embase	ISSN 0975-6299
14	<b>Antibacterial activity of a bacteriocin-like inhibitory substance produced by <i>Bacillus</i> sp. From halophilic environment</b>	<b>Vishal Dhundale &amp; Vijayshree Hemke</b>	<i>International J. of Pharma and Bio Sciences</i> 8 ((3): (B)), 2017, 356 – 362	UCG Listed -13357 (SJIF): 7.446 Embase Web of Science	ISSN 0975-6299
15	<b>Phylogenetic analysis of Bacilli from haloalkaline Lonar Soda Crater</b>	<b>Vishal Dhundale &amp; Vijayshree Hemke</b>	<i>Int. J. Pharm Bio Sci</i> 6 (4B), 2015, 279-290	Scientific Journal Impact Factor (SJIF): 7.446 Embase	ISSN 0975-6299
16	<b>Comparative <i>In Silico</i> Study of Melittin From Honeybee Venom</b>	<b>Vijayshree Hemke &amp; Neha Bhatkar</b>	<i>Int. Journal of Advanced Biotech and Research(IJBR)</i> , Vol-6, Issue-1, 2015,1-6	ICV-69.46	ISSN 0976-2612(P) 2278–599X(O)

17	<b>Haloalkaliphilic Bacillus flexus AW3(2): Potential for biotechnological applications.</b>	<b>Vishal Dhundale &amp; Vijayshree Hemke V.R. More, R. D. Nagarkar</b>	<i>Int. Journal of Pharma and Biosciences</i> 6(2): (B): 2015, 668-677	UGC Listed -13357 (SJIF): 7.446 Embase Web of Science	ISSN 0975-6299
18	<b>Phentic diversity of alkaline protease producing bacteria from alkaliphilic environment.</b>	<b>Vijayshree Hemke, Joshi, Fule, Vishal Dhundale &amp; Tambekar</b>	<i>Indian Journal of Scientific Research</i> 10(1): 2015, 47-52	UGC Listed 15651	ISSN 2250-0138
19	<b>Haloalkaliphilic flexus AW(2): Potential for biotechnological Applications</b>	<b>V.R. Dhundale, V. R. More, R. D. Nagarkar, V. M. Hemke</b>	<i>Int Journal of Pharm Bio Sci6 (4B) 2015, 279-290</i>	Scientific Journal Impact Factor (SJIF): 7.446 Embase	ISSN 0975-6299
20	<b>Isolation and characterization of a novel amylase from Bacillus pseudofirmes DW4(1)</b>	<b>V. Dhundale, R More, R Nagarkar, V. Hemke, D.Tambekar</b>	<i>Indian Journal of Life Sciences</i> 4(1) 2014, 69-76	Impact Factor ISI:1.864 SJIF-6.838	ISSN 2277-1743(P) 2278-7879(O)
21	<b>Partial Characterization and Optimization of Alkaline Amylase Production from Bacillus lehensis isolated from Akaline Saline Lonar Lake BW32</b>	<b>Vishal Dhundale, R. Nagarkar, Vijayshree Hemke</b>	<i>Int. Journal of Advanced Biotechnology and Research(IJBR), Vol-5, Issue-4:2014, 731-742</i>	--	ISSN 0976-2612(P), 2278-599X(O)
22	<b>Identification and characterization of a human IL-10 receptor antagonist</b>	<b>Mumtaz Naiyer, S. Saha, Vijayshree Hemke, Roy, Singh, Krishnasastry, Bhaskar Saha</b>	<i>Human Immunology</i> Volume-74, Issue-1, January 2013, 28-3	Impact Factor 2.477	Elsevier Publications ISSN 0198-8859
23	<b>Venom in a sting and in silico prediction of antigenic Determinants of venom of Apis dorsata</b>	<b>Vijayshree Hemke</b>	<i>Journal of Cell and Tissue Research</i> Vol. 13(1),2013: 3479-3484	NASS Impact Factor 4.3	ISSN 0973- 0028

24	Hematological alterations in albino rats after administration of honeybee venom	Vijayshree Hemke And Neha Bhatkar	Journal of Cell and Tissue Research Vol.11(1): 2011 2579-2584	NASS Impact Factor 4.3	ISSN 0974- 0910
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### Research Papers published in National/ International Conference

Sr. No.	Title	Authors	Journal, Vol. No., Page No., Year	Impact Factor, if any	ISSN/ ISBN No.
1	Present status and impact of insecticide on honey bees in India: a review	Vijayshree Hemke & Yogesh Giri	Int. J. of Research in Bioscience & Agricultural Technology Vol-1 Issue-3,2022 page 99-102		ISSN No. 2347-517X (O)
<b>Organizer: VMS Research Foundation and RFRF</b>					
2	National Education Policy-2020 and new norms for NAAC, UGC and AICTE	Vijayshree Hemke	<i>The Research Journal</i> Vol-7, Issue 1, 2021. page 83-85	PIF 4.126	ISSN 2454-7301(P) 2454-4930(O)
<b>Organizer: Kamala Nehru College, Nagpur on 8<sup>th</sup> Jan 2021 National Conference</b>					
3	Role of ICT in Teaching and Learning of Zoology	Vijayshree Hemke	<i>Ajanta</i> Vol-VIII, Issue-I, Jan-Mar 2019. Page 34-41	SJIF 5.5	ISSN 2277-5730
<b>Organizer: Bharti Jain Sanghatana's Arts, Science and Commerce, College, Wagholi, Pune on 22 &amp; 23 Jan 2019 National Conference</b>					
4	Production and Characterization of metalloenzyme protease from bacillus species.	Vijayshree Hemke and Vishal Dhundale	Int. Journal of Research in Biosciences, Agri & Technology-Issue(2) Vol(V)20 1763-666	UGC listed (till 2/07/2018) Journal No 2658 Title 43906	ISSN 2347-517X
<b>Organizer: Shri Shivaji Science College, Nagpur on 12, 13 &amp; 14<sup>th</sup> July 2017. National Conference</b>					

5	Effect of carbon and nitrogen source on the production of Halophilic Amylase from newly isolated <i>Bacillus cereus</i>	Vijayshree Hemke, Vishal Dhundale & Rachna Nagarkar	<i>Global Environment: Issues, Challenges and Solutions</i> Vol-I, 234-238	ISBN 978-93-83587-35-3
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Organizer: BAMU, Aurangabad, Arts Senior College Aurangabad And Katha UK (Britain)  
On 29<sup>th</sup> Feb 2016. International Conference

### Articles/Chapters published in Book

Sr. No.	Title & Page No.	Book Title, Editor & Publisher	ISSN/ISBN No. & Publisher	Authors	Whether Main authors
1	Seed Dispersal by Birds: Its Matter for Environment Sustainability Page No. 134	Sustainable Development for Future: “ Insights from agriculture, Health, Aquaculture, Energy, Education and Environment	ISBN-13:979-8885218993 Notion Press Vol-I 09 <sup>th</sup> Dec 2021	Dr. V. M. Hemke	Yes
2	Water Conservation - Need of the time Page No. 523	Environment Conservation and Woman and Woman Dignity	ISBN 978-93-91689-18-6 Aruna Publication, Latur	Dr. V. M. Hemke	Yes

### Google Scholar Profile

All  
Citations **71**  
h-index **5**  
i10-index **2**

ResearchGate reads- **4319**



**Participated and presented paper/poster in  
International/National Conferences**

Sr. No.	Period	Title of the Paper presented	Title of Conference / Seminar	Organized by	Level
1	19-20 June 2022	The Insect Pollinators Species on Sesame Crop (Sesamum Indicum L.) at Nanded District of Maharashtra, India.	Science And Technology for Society	VMS Foundation & RFRF Nagpur	International
2	29-31 March 2- 21	Comparitive <i>in silico</i> study of Phospholipase-A2 from venom of four major indian snake species	Emerging Trends in Science And Technology	Vedanta PG Girls' College, Sikar Rajsthan	International
3	18 Dec 2021	Participated	Emerging Trends in Life Sciences	Sant Ramdas ASC College, Ghansawangi.	National
4	30 May 2020	Poster- Advantages & disadvantages of online education	Health Hygiene and Higher Education (HHH-2020)	Rawool Maharaj, Mahavidyalaya, Kudal Dist: Sindhudurg. MS/Uni of Mumbai/UGC	International
5	13, 14 & 15 April 2020	Poster- Prevention is better than cure- Covid-19	Nanobio-20 II <sup>nd</sup> Twitter-Conference	New College & Botany Deptt. Shivaji University Kolhapur	International
6	15 & 16 May 2020	Notes on Nesting and Feeding behavior of <i>Prinia socialis</i>	Web conference on Science, Engineering & Technology-2020	Society for technologically Advanced materials of India,	International
7	17 & 18 Aug 2020	Energy is at the Center for sustainable development	Role of Science and Technology in Sustainable Development	D. Bindu ASC College, Bhokar Di: Nanded	International

8	22 Feb 2020	Nesting behavior of <i>Cinnyris asiaticus</i>	Recent Trends In Applied Zoology	Kisan veer Mahavidyalaya, Wai	National
9	23-24 Dec 2019	Comparison of Phospholipase-A2 from honeybee	Emerging Trans-Disciplinary Approaches in Bio-Sciences-2019	Deogiri College, Aurangabad	National
10	22 & 23 Feb 2019	Role of ICT in Teaching And Learning of Zoology	The Role of Technology in Sustainable Development	BJS ASC, College, Wagholi, Pune	International
11	15 & 16 Feb 2019	Avain Fauna in and around Chikhli Region Di: Buldana, MS	New frontiers in Environmental & Allied Sciences	Prof. Ramkrushna More ASC, Collge, Aakurdi, Pune	International
12	05 & 06 Jan 2018	Production and characterization of a novel biosurfactant produced from <i>Pseudomonas aeruginosa</i> SJS-5	Multidisciplinary Approaches in Life Sciences: Research and Applications for Sustainable Development	Yashwantrao Chavan Institute of Science, Satara	National
13	8, 9 & 10 Dec 2017	Evaluation of Electricity generation by Microbial Fuel Cell from hypersaline Indian soda lake	87 <sup>th</sup> Annual Session of the Academy(NASI)	Savitribai Phule Pune University, Pune	The National Academy of Sciences, India
14	20 & 21 Feb 2015	<i>In Silico</i> Study of Honeybee Venom Against Rheumatoid Arthritis	Dynamic Microbes: Role in Human Welfare	Modern College of Arts, Science & Commerce, Pune- 05	National
15	26 & 27 Feb 2015	Diversity of Alkaline Protease Producing Bacteria from Alkaliphilic Environment	Applications of Advance Technology for Enhancing Quality of Science Education	Modern College of Arts, Science & Commerce, Pune-05	International

16	22 To 24 Jan 2015	Diversity of honeybee venom	International Conference on Biodiversity	Arts, Commerce & Science College, Nandgaon, Nasik	International
17	19 & 20 Jan 2014	<i>in silico</i> Prediction of antigenic determinants of venom of <i>Apis dorsata</i>	Recent Advances in Environmental Sciences	Late Karmveer Dr. P R Ghogrey Science College, Dhule	National
18	6-7 Oct 2014	Isolation and characterization of lipase from <i>Bacillus flexus</i> aw3 (2)	National conference on Recent Advances and applications of Taxonomy in life sciences	Yashwantrao Chavan Institute of Science, Satara	National
19	06 & 07 Dec 2013	Screening of antimicrobial potentials of haloalkaliphilic <i>Bacillus flexus</i> from Lonar lake	Animal biodiversity & Recent Trends in Zoological Research	G B Patel Science College, Shahada. Di: Nandurbar	National
20	08 & 09 Sep 2012.	Innovative Research Trends in Biological Science	Studies on physiological, pathological and limnological conditions of water collected from Yelgaon dam, Buldana	Shri Shivaji Science College, Akola.	National
21	27 & 28 July 2012	Recent Trends in Biosciences	Bacteriological analysis of some selected fishes found in Yelgaon dam MS	GS Science, Arts, & Commerce College, Khamgaon	National

### Participated in Workshops (National/State/University level)

Sr. No	Period	Title of Seminar/Workshop	Organized by	Level
1	21 March 2022	Reforms of National Assessment and Accreditation Process	Shri Shivaji Ed. Society	National

2	20 May 2021	Bee Keeping: Golden Path of Career	Karmveer Hire ASC and Edu. College, Bhudargad, Kolhapur	National
3	22 <sup>nd</sup> May 2020	Role of IQAC in Assessment and Accreditation Process	SIP Arts, Science & Commerce College, Shahada Di: Nandurbar/ RUSA/ JD Jalgaon	National
4	7 <sup>th</sup> Sept 2018	Intellectual Property Rights	Government College of Arts & Science Aurangabad	State
5	11 <sup>th</sup> March 2019	Unnat Bharat Abhiyan	Model Degree College, Buldana	State
6	10 <sup>th</sup> August 2019	Career Opportunities in Green Education	Shankarlal Khandelwal ASC, College, Akola Divisional Forest Office, Akola	State
7	01 <sup>st</sup> June 2019	Art of Thesis Writing	Modern College of Arts, Science & Commerce, Pune	State
8	25 <sup>th</sup> July 2019	NAAC sponsored Revised NAAC Framework & E-Documentation	Shri Dnyaneshwar Burungale Science & Arts College, Shegaon	State
9	28 <sup>th</sup> Feb 2020	IPR	MSI, Arts & Science College, Pulgaon, YC ASC, Lakhandur, Bhandara	National
10	17 <sup>th</sup> July 2019	New AQAR Guidelines	Haribhai V. Desai ASC, College, Pune	State
11	08 <sup>th</sup> Feb 2020	Participation	२० वे विदर्भ पश्चिमित्र संमेलन लोणार	Vidarbh
12	24 <sup>th</sup> Feb 2014	Hands on Training in Plant Tissue Culture	Shri Shivaji College, Chikhli	University

### Invited Lectures & Session Chairmanship:

Sr. No.	Title	Academic Session	Event	Level	Date	Organizer
1	Co-chairperson	2021-22	Conference at Goa	Inter-national	19 <sup>th</sup> & 20 <sup>th</sup> June 2022	VMS Research Foundation & RFRF, Nagpur
2	Air Pollution in Industrial Area and Precautions	2021-22	Lecture delivered Offline/ Physical	Industry	7th June 2022	Harshal Industries, Bhosari, Pune
3	Wildlife Act 1972	2021-22	Lecture delivered Offline/ Physical	Regional	27 <sup>th</sup> March 2022	NSS Camp of SSSAC
4	Wildlife Conservation Strategy	2021-22	Panelist video conferencing	National	29 July 201	Rajshree Shahu Science College, Chandur Rly.
5	Nerve Conduction	2020-21	Lecture delivered via video conferencing	Regional	31 <sup>st</sup> May 2021	LB S Gawande College, Sakharkherda
6	Water conservation: Need of the time	2020-21	Lecture delivered via video conferencing	National	5 <sup>th</sup> Dec 2020	Golden Jubilee Celebration of Kumarswami Mahavidyalaya, Ausa.
7	Wildlife Conservation with reference to Project Tiger of Govt. of India	2020-21	Lecture delivered via video conferencing	National	7 <sup>th</sup> Oct 2020	Wildlife Week celebration at Vyanktesh Mahavidyalaya, Deulgaon Raja
8	Avifaunal diversity of Maharashtra State	2019-20	Lecture delivered via video conferencing	National	6 <sup>th</sup> May 2020.	Annasahab Magar Mahavidyalaya Hadapsar Pune.
9	Referee for state level poster competition	2019-20	Referee	State	12 <sup>th</sup> March 2020	Shri Shivaji Science And Arts College, Chikhli.

10	Environment conservation	2019-20	Invited Guest	Industry	07 <sup>th</sup> Nov. 2019	Thermax Ltd, Shivajinagar, Pune
11	Yes! We are Healthy!	2019-20	Invited Guest	College	29 <sup>th</sup> Aug 2019	Shri Shivaji Jr. College, Chikhli.
12	Rapporteur	2019-20	Invited Guest	State	10 <sup>th</sup> Aug 2019	SKASC, Akola, Divisional Forest Office, Akola
13	Physiology of Thyroid Hormones in Pregnancy	208-19	Invited Guest	Hospital	23 <sup>rd</sup> Nov 2018	Ruby Hall Clinic, Pune
14	How to study birds around and need of their conservation	2017-18	Invited Guest	College	28 <sup>th</sup> Feb 2018	National Science Day Shri Shivaji Junior College, Chikhli.
15	Resource person For workshop on IPR	2017-18	Resource person	Regional	10 <sup>th</sup> April 2018	Shri Shivaji Science And Arts College, Chikhli
16	Birds of Dnyanganaga Sanctuary	2017-18	Invited Guest	Regional	14 <sup>th</sup> Nov 2017	पक्षीसप्ताह (5 Nov to 12 Nov) Shri Shivaji High school Buldhana.
17	Jury for technical session in International Conference	2017-18	Invited Guest	International	12 <sup>th</sup> , 13 <sup>th</sup> & 14 <sup>th</sup> July 2017	Shri Shivaji Science College, Nagpur

### Year wise Research Guidance

Sr. No.	Year	Name of student	Degree (MPhil/PhD)	No. of Students		
				Enrolled	Awarded	Submitted
1	2019-20	Ms. Diksha D Salve MSc-Zoo, MPET	PhD	Enrolled	-----	----
2	2020-21	Mr. Yogesh V Giri MSc- Biotech, MSc-Zoo and CSIR-JRF	PhD	Enrolled	-----	----

### Research Projects: Minor

Sr. No.	Title	Major/ Minor	Funding Agency	Period	Amount Sanctioned	Sanctioned Letter	Status
1	Optimization And Production of a Commercially Viable Alkaline Protease from Haloalkaliphiles	Minor	UGC WRO Pune	2015-17	4,50,000	File No. 47-927/14 (WRO)	Completed

### Training Courses, Teaching-Learning-Evaluation Technology Program, Faculty Development Programs (not less than one week duration)

Sr. No.	Program	Duration	Organized By
1	Refresher Course in Life Sciences	10/11/2021 to 26/11/2021	Sant Gadge Baba Amravati University, Amravati
2.	NPTEL Online Certification Course on "Wildlife Ecology"	12 Weeks course (Aug-Oct 2021)	IIT, Kharagpur, MHRD, Government of India
3.	FDP on G Suit and allied tools in Education, Teaching & e-Content Development	29/06/20 to 04/07/2020	Deptt. of Comp. Sci. SGBAU, Amravati Online mode
4	Workshop on "Open Source Tools for Research"	08/06/20 to 14/06/2020	Ramanujan College Delhi University, Delhi organized by MHRD, PMMMNMTT
5	FDP On Managing Online Classes And Co-Creating MoocS	18 /04/20 to 06 /05/2020	Ramanujan College Delhi University, Delhi organized by MHRD, PMMMNMTT
6	Workshop on "Comprehensive e-Learning to e-Training guide for Administrative Work"	25/05/20 to 05/06/2020	Ramanujan College Delhi University, Delhi organized by MHRD, PMMMNMTT
7	FDP on Basics of Organic Farming	17/05/20 to 23/05/2020	(Autonomous) Athalye-Sapre-Pitre College, Devrukh Online mode
8	FDP on e-Content Development- "Animation"	14/05/20 to 18/05/2020	Universal Teachers Academy, Puducherry Online mode
9	Global Initiative of Academic Network-GIAN	18/02/19 to 22/02/2019	Savitribai Phule Pune University, Pune

10	Refresher Course in Environment Science	22/11/18 to 12/12/18	Department of Environment Science SPPU, Pune
11	Orientation Program	07/11/16 to 03/12/2016	Sant Gadge Baba Amravati University, Amravati
12	Refresher Course in Life Sciences	07/01/2015 to 27/01/2015	Department of Zoology SPPU, Pune

### Events Organized

Sr. No.	Events	Level	Date	Position
1	<p>Five Lectures Series on the theme “Environment Education” in the Memory of Late Prof. G N Vankhede Sir</p> <p>Resource Persons</p> <p>1 Dr. G A Wagh</p> <p>2 Dr. Jayant Wadatkar</p> <p>3 Dr. Manjusha Wath</p> <p>4 Dr. Shrikant Warhekar</p> <p>5 Shri Kiran More</p>	State	12 Aug, 17 Aug, 27 Aug, 18 Sept, 21 Sept 2021	Organizing Secretary
2	<p>Wildlife Week-2021 Invited Talk of Dr. Milind Shirbhate</p> <p>Asso. Prof. in Zoo, Akola &amp; Shri Kishor Padol-RFO, Khamgaon</p>	University	06 Oct 08 Oct 2021	Organizing Secretary
3	<p>National Webinar on Life Sciences</p> <p>Resource Persons</p> <p>1. Dr. Satish Kale Join Replacement Surgeon. Lokmanya Hospitals, Pune.</p> <p>2. Dr. Raju Kasambe Assistant Director, BNHS. Mumbai</p>	National	28 July 2020	Organizing Secretary
4	<p>A workshop on ‘Cyber Crime and Securities’</p> <p>Resource Person-Pravin Sonawane PSI and In-Charge of Cyber Cell, Police Station Chikhli.</p>	University	16 Sept 2019	Organizing Secretary



5	Two days state level workshop on e-content development Resource Persons- Bhushan Kulkarni & Eknath Kore. KnowledgeBridge Foundation Ahemadnagar.	State	03-04 Oct 2018	Organizing Secretary
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### Membership

- ✓ Life member of महाराष्ट्र पक्षीमित्र संघटना, Membership No. 995
- ✓ Life member of Indian Science Congress Association (ISCA), Membership No. L12946.
- ✓ Life member of Nagpur University Teachers' Association.

### Additional Responsibilities held

- ✓ Worked as a In-Charge (Head) for Self-Finance Microbiology Department (BSc-Micro) from 09/11/2012 to 20/06/2018 at Jijamata Mahavidyalaya, Buldana
- ✓ Worked as In-Charge (Head) for Aided Botany Department (BSc-Bot) from 01/12/2017 to 20/06/2018 at Jijamata Mahavidyalaya, Buldana
- ✓ Worked as NSS Program Officer (Girls) at Jijamata Mahavidyalaya, Buldana.

### e-Content development

#### Youtube Video links

Sr. No.	Name	link
1	Pituitary Gland	<a href="https://youtube.be/X8cT3cpD1UY">https://youtube.be/X8cT3cpD1UY</a>
2	Evolution of Man	<a href="https://youtube.be/qkzw0IWzyV8">https://youtube.be/qkzw0IWzyV8</a>
3	Hardy-Weinberg Equilibrium	<a href="https://youtu.be/IESOhx1WtwA">https://youtu.be/IESOhx1WtwA</a>
4	Protein Synthesis	<a href="https://youtu.be/oEjhlB-Qi8">https://youtu.be/oEjhlB-Qi8</a>
5	Hormonal Disorders	

		<a href="https://youtu.be/yHWIKua6BiI">https://youtu.be/yHWIKua6BiI</a>
6	Life cycle of Ashy Prinia	<a href="https://youtu.be/X2KJJQvh16w">https://youtu.be/X2KJJQvh16w</a>
7	Bird diversity of Maharashtra	<a href="https://youtu.be/ciNsJyqLUG">https://youtu.be/ciNsJyqLUG</a>
8	Gene Interaction	<a href="https://youtu.be/t4GzcktNECw">https://youtu.be/t4GzcktNECw</a>
9	Mitosis	<a href="https://youtu.be/GJ3YdjDZLPw">https://youtu.be/GJ3YdjDZLPw</a>

**Glimpses of Newspaper Articles**

Regularly writing newspaper articles to raise awareness for the conservation of wildlife in reputed newspapers like सकाळ, अग्रोवन, पुण्यनगरी, दिव्यमराठी, जनमाध्यम, लोकमत, देशोन्नती and each article was published in 4-5 newspapers.



अकोला, बुधवार, ४ नोव्हेंबर २०२०

## बुलडाणा

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# मनुष्य जीवनात पक्ष्यांचे अविभाज्य महत्त्व

प्रा. डॉ. विजयश्री हेमके : ५ ते १२ नोव्हेंबर पक्षीसप्ताह

**पक्षीसप्ताह विशेष**

अकोला जैन : सकाळ कुतूबघरा

**बुलडाणा, ता. ३ : मनुष्याच्या जीवनात पक्ष्यांचे अविभाज्य महत्त्व आहे. भारताच्या वेळी पक्ष्यांमुळे आहाराच्या अभावामुळे अनेक प्राणी मरण पावतात. पक्षी सप्ताहात पक्ष्यांच्या जीवनात पक्ष्यांचे अविभाज्य महत्त्व आहे.**

पक्षी मनुष्याच्या जीवनात अविभाज्य महत्त्व आहे. भारताच्या वेळी पक्ष्यांमुळे आहाराच्या अभावामुळे अनेक प्राणी मरण पावतात. पक्षी सप्ताहात पक्ष्यांच्या जीवनात पक्ष्यांचे अविभाज्य महत्त्व आहे.



**संवर्धनाची गरज**  
प्रदूषण, विविध वन्यप्राण्यांच्या शिकार आणि वनक्षेत्रांच्या नुकळामुळे अनेक प्राणी मरण पावतात. पक्षी सप्ताहात पक्ष्यांच्या जीवनात पक्ष्यांचे अविभाज्य महत्त्व आहे.

पक्षांचे संवधन काळाची गरज -विजयश्री हेमके प्रदूषणसाह अय्य कारणाने प्रजाती होत आहेत नष्ट

संदीप बनसोडे लोकमत न्यूज नेटवर्क बुधवार : राहत ५ नोव्हेंबर ते १२ नोव्हेंबर हा सप्ताह सदां महाराष्ट्र एकाच रंगाने सुरू आहे.



पक्षी अभ्यासक तथा खाजगी मुलाविद्यालय विचित्रतीला प्राणीशास्त्र विभागातील प्रा. डॉ. विजयश्री हेमके यांच्याची साक्षात्कार मुलाखत आहे.

संपूर्ण महाराष्ट्रातच पक्ष्यांचा दृष्टान्त हाडताना, पक्षीरात १८०० प्रजाती सापडतात. पक्षीरात ही संख्या राष्ट्रीय पातळीवरील १४०० प्रजातीपेक्षा जास्त आहे.

संपूर्ण महाराष्ट्रातच पक्ष्यांचा दृष्टान्त हाडताना, पक्षीरात १८०० प्रजाती सापडतात. पक्षीरात ही संख्या राष्ट्रीय पातळीवरील १४०० प्रजातीपेक्षा जास्त आहे.

पक्ष्यांचे जीवनचक्रीतील महत्त्व काय आहे? विनाशपात्रातून ते काळाच्या पडदाखाली जाऊन अनास्थात जाऊन अखेरची सुचना देत 'पक्षी' म्हणूनच पक्ष्यांचा पक्षी, संतसंबंधी प्रतीक असतो. आधुनिक युगात पक्ष्यांचा नष्ट होणे, आम्हाला प्रदूषणाची नक्कल करायचा राग, नाशपात्र

करायना घेताने आढळणाऱ्या पक्षीसुप्त अवस्थेचे संवधानाचा दर्जा लक्षात घेऊन पक्ष्यांची आम्हाला आणखी भरणे गरजेचे आहे?

पक्ष्यांविरुद्धी काय सांगता? आज मादधून्याचा हालतलीना अनुषंग अशी पक्षांच्या पक्षीची रचना आता, परंतुही पक्षीना आकाराना प्रजाताना घेऊन आम्हाला आणखी भरणे गरजेचे आहे.

प्रदूषणसाह अय्य कारणाने प्रजाती होत आहेत नष्ट. पक्ष्यांच्या जाती दुर्लक्ष होत आहेत का? प्रदूषण, विनाशपात्र, विकारी, आधुनिकीकरण, अतिप्रतिक्रमा

प्रदूषणसाह अय्य कारणाने प्रजाती होत आहेत नष्ट. पक्ष्यांच्या जाती दुर्लक्ष होत आहेत का? प्रदूषण, विनाशपात्र, विकारी, आधुनिकीकरण, अतिप्रतिक्रमा यांमुळे अनेक प्रजाती घेतून नष्ट होत आहेत. विनाशपात्रातून ते काळाच्या पडदाखाली जाऊन अनास्थात जाऊन अखेरची सुचना देत 'पक्षी' म्हणूनच पक्ष्यांचा पक्षी, संतसंबंधी प्रतीक असतो.

Heelo Buldhana Page No. 3 Nov 08, 2020 Powered by: esaigo.com

सर्वात स्वतंत्र रिवाज आपल्या घरासाठी...

घराच्या बांधणीत सर्वात महत्वाचे घटक म्हणजे स्वतंत्रता. घराबांधणीत सर्वात महत्वाचे घटक म्हणजे स्वतंत्रता. घराबांधणीत सर्वात महत्वाचे घटक म्हणजे स्वतंत्रता.

राष्ट्रीय विज्ञान दिन आणि जैवविविधता

राष्ट्रीय विज्ञान दिन आणि जैवविविधता. राश्ट्रीय विज्ञान दिन आणि जैवविविधता. राश्ट्रीय विज्ञान दिन आणि जैवविविधता.

राश्ट्रीय विज्ञान दिन आणि जैवविविधता. राश्ट्रीय विज्ञान दिन आणि जैवविविधता. राश्ट्रीय विज्ञान दिन आणि जैवविविधता.

सुष्टीचे वैभव- पक्षी

सुष्टीचे वैभव- पक्षी. सुष्टीचे वैभव- पक्षी. सुष्टीचे वैभव- पक्षी.

सुष्टीचे वैभव- पक्षी. सुष्टीचे वैभव- पक्षी. सुष्टीचे वैभव- पक्षी. सुष्टीचे वैभव- पक्षी. सुष्टीचे वैभव- पक्षी.

पक्ष्याचे अद्भुत विश्व

पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व.

पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व.



पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व.

पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व. पक्ष्याचे अद्भुत विश्व.

चिमण्या वाचवूया...

चिमण्या वाचवूया... चिमण्या वाचवूया... चिमण्या वाचवूया.

चिमण्या वाचवूया... चिमण्या वाचवूया... चिमण्या वाचवूया. चिमण्या वाचवूया... चिमण्या वाचवूया... चिमण्या वाचवूया.



चिमण्या वाचवूया... चिमण्या वाचवूया... चिमण्या वाचवूया.

जादुई दुनिया फुलपाखरांची!

जादुई दुनिया फुलपाखरांची! जादुई दुनिया फुलपाखरांची! जादुई दुनिया फुलपाखरांची!

पक्ष्यांचे जैववैविध्य- महत्त्व

पक्ष्यांचे जैववैविध्य- महत्त्व. पक्ष्यांचे जैववैविध्य- महत्त्व. पक्ष्यांचे जैववैविध्य- महत्त्व.

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पक्ष्यांचे जैववैविध्य- महत्त्व. पक्ष्यांचे जैववैविध्य- महत्त्व. पक्ष्यांचे जैववैविध्य- महत्त्व. पक्ष्यांचे जैववैविध्य- महत्त्व.

राष्ट्रीय चिन्ह हा प्रत्येक भारतीयाना सन्मान आणि देशभक्तीचे प्रतीक असून सन्मान, स्वायत्तता, स्वातंत्र्य, धार्मिक स्वातंत्र्य, धार्मिक स्वातंत्र्य यांचे प्रतीक असून...

आपली सन्मानचिन्हे...

राष्ट्रीय प्राणी - पट्टेदार बाघ Panthera tigris

या प्राणीसंगठनीय आकाराचे सर्वांत मोठे प्राणी असून त्याचे शरीर पांढऱ्या रंगाचे असते...



राष्ट्रीय जलचर प्राणी Platanista gangetica

या प्राणीसंगठनीय आकाराचे सर्वांत मोठे प्राणी असून त्याचे शरीर पांढऱ्या रंगाचे असते...



राष्ट्रीय पक्षी - तोर Pavo cristatus

या प्राणीसंगठनीय आकाराचे सर्वांत मोठे प्राणी असून त्याचे शरीर पांढऱ्या रंगाचे असते...



राष्ट्रीय वन्यजीव प्राणी Rhinoceros unicornis

या प्राणीसंगठनीय आकाराचे सर्वांत मोठे प्राणी असून त्याचे शरीर पांढऱ्या रंगाचे असते...



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राष्ट्रीय वन्यजीव प्राणी Rhinoceros unicornis

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राष्ट्रीय वन्यजीव प्राणी Rhinoceros unicornis

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राष्ट्रीय वन्यजीव प्राणी Rhinoceros unicornis

या प्राणीसंगठनीय आकाराचे सर्वांत मोठे प्राणी असून त्याचे शरीर पांढऱ्या रंगाचे असते...



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राष्ट्रीय वन्यजीव प्राणी Rhinoceros unicornis

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राष्ट्रीय वन्यजीव प्राणी Rhinoceros unicornis

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राष्ट्रीय वन्यजीव प्राणी Rhinoceros unicornis

या प्राणीसंगठनीय आकाराचे सर्वांत मोठे प्राणी असून त्याचे शरीर पांढऱ्या रंगाचे असते...



राष्ट्रीय वन्यजीव प्राणी Rhinoceros unicornis

या प्राणीसंगठनीय आकाराचे सर्वांत मोठे प्राणी असून त्याचे शरीर पांढऱ्या रंगाचे असते...



दिव्य मराठी 2019. चिऊ ये.. दाना खा.. पाणी पी.. भुरगं उडून जा. जलजिन विद्यार्थी दिवस. जलजिन विद्यार्थी दिवस हा राष्ट्रीय पातळीवरील एक महत्त्वाचा कार्यक्रम आहे...

पर्यावरण, वन्यजीवांची काळजी घ्या... भारतीय वन्यजीव संस्था. या संस्थेच्या माध्यमातून पर्यावरण आणि वन्यजीवांचे संरक्षण होईल...

मानवी जीवन समृद्ध करणारं विज्ञान. मानवी जीवन सुख आणि भौतिकतेच्या समृद्धी साठी विज्ञानाचे अविभाज्य अंग आहे...

देशभक्ती आणि देशाभिमान जागवणारी प्रतीक आज भारतीय जगमानसाची अस्मिता बनले आहेत. सन्मानचिन्हे : राष्ट्राची अन् राज्यांची. या प्रकल्पाने देशभक्ती आणि देशाभिमान जागवण्याचा प्रयत्न होईल...

राष्ट्रीय जलचर प्राणी Platanista gangetica. या प्राणीसंगठनीय आकाराचे सर्वांत मोठे प्राणी असून त्याचे शरीर पांढऱ्या रंगाचे असते...

